

RESOLUTION NO. 2002-223

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING THE
CITY MANAGER TO EXECUTE ADDITIONAL PROFESSIONAL
SERVICES TASK ORDERS FOR WHITE SLOUGH WATER
POLLUTION CONTROL FACILITY DISCHARGE PERMIT
COMPLIANCE ACTIVITIES, AND FURTHER APPROPRIATE
FUNDS FOR THIS PROJECT

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WHEREAS, the City's current wastewater discharge permit, issued by the State Regional Water Quality Control Board in February 2000, includes a requirement for the installation of filters (tertiary treatment) by May 1, 2004; and

WHEREAS, since the issuance of the permit, City staff and our consultants have investigated several alternatives for meeting discharge requirements, including some that would not include filters; and

WHEREAS, following several meetings with the Regional Board staff and other changes in regulations that will affect our next permit, it is clear that not only will filters be needed, but also other measures will need to be implemented; and

WHEREAS, in order to meet our permit obligations, staff proposes to implement improvements to the Facility in two major phases (that will also include minor subphases). They are as follows:

- 1) Predesign and environmental work for the entire project, interim aeration improvements, and filter installation – work in 2002, 2003, and 2004.
- 2) Final design and secondary plant improvements, land acquisition, treatment wetland construction, and discharge relocation – work in 2004 and 2005.

The Phase 1 construction work will necessitate significant funding in 2003, on the order of \$15 to \$17 million. Part of the work will be identifying financing methods, although timing issues may preclude use of a State revolving fund loan for the entire project. However, other financing pools will likely offer favorable rates. The work included in the requested appropriation is the following:

- A) Predesign, financial, and environmental services with West Yost & Associates – this work includes:
 - analysis of membrane bioreactors as an alternative to secondary facilities upgrades recommended in the adopted Master Plan
 - analysis of alternate wetland sites and preliminary design of the wetland by their subconsultant, Brown & Caldwell
 - preliminary Bishop Cut outfall, filter, and disinfection designs
 - financial analysis of funding alternates and rate/fee adjustments by subconsultant Hilton, Farnkoph, Hobson
 - miscellaneous mapping, aerial photography, filter and disinfection, and project management
 - total cost \$454,000

- B) Design of Interim Aeration Improvements – This work, also by West Yost, includes final design and preparation of plans and specifications for blower and air diffuser replacement to improve effluent quality until other improvements can be completed. The interim improvements will be totally compatible with the planned secondary treatment improvements and would need to be done anyway. The cost for this task is \$140,000.
- C) Design of Tertiary Filtration Improvements – West Yost & Associates' work on this phase of the project includes final design and preparation of plans and specifications for site preparation, pumping facilities, chemical handling, and tertiary filters. The construction would be divided into two contracts with the first phase, earthwork and site preparation, starting spring 2003 and ending fall 2003. Second phase of construction would immediately follow with completion summer/fall 2004. This design work is expected to cost \$555,000.
- D) Groundwater Monitoring Report – This work, by Saracino-Kirby-Snow, will compile and analyze our groundwater monitoring data at the Facility. This work is a permit requirement. The task will be done in two phases; the first will be an initial study to evaluate recent monitoring and derive preliminary conclusions and recommendations to be sure we have adequate monitoring in place. The second phase will be a final report which will take place after additional monitoring work is completed. The requested appropriation for this effort is \$35,000.
- E) Bishop Cut Flow Meter Installation – This work includes the installation of a flow meter in Bishop Cut where the City is planning to install a new outfall. This flow data is necessary to design the outfall and storage facilities to meet State requirements. The Council previously authorized staff to contract with the State Department of Water Resources (DWR) to install this meter; however, we have been informed by DWR that due to budget cuts and staff shortages, it may not be able to do this work. If that is the case, staff proposes to work with our existing consultant team to do this work. This work is anticipated to cost \$60,000.
- F) Regulatory Assistance – This work, also by West Yost, consists of permit negotiations with the Regional Board, much of which has already taken place. Staff will need significant additional assistance in dealing with the Regional Board on the Bishop Cut outfall issue. The cost of these efforts is estimated to be \$70,000.
- G) Miscellaneous Work and Contingencies – These items include bidding assistance, other technical assistance as needed, laboratory analytical costs, appraisals, and other outside direct expenses. Plus, we request a contingency amount of roughly 3% of the above items for a total amount of \$37,000.

NOW, THEREFORE, BE IT RESOLVED, that the Lodi City Council does hereby authorize the City Manager to execute additional professional services task orders for White Slough Water Pollution Control Facility Discharge Permit Compliance Activities; and

BE IT FURTHER RESOLVED, that funds in the amount of 1,261,000.00 be appropriated as follows:

The above items total \$1,351,000. We have \$90,000 in unused prior appropriations which can be applied to this amount thereby reducing the total new appropriation to \$1,261,000. This work was included in the fiscal year 2002/03 Wastewater CIP Budget, Page 37, with a total estimate of \$2.5 million.

Dated: November 6, 2002

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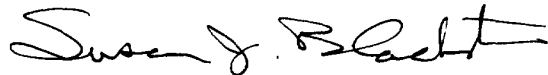
I hereby certify that Resolution No. 2002-223 was passed and adopted by the Lodi City Council in a regular meeting held November 6, 2002 by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Howard, Land, Nakanishi, and Mayor Pennino

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None



SUSAN J. BLACKSTON
City Clerk